# KING

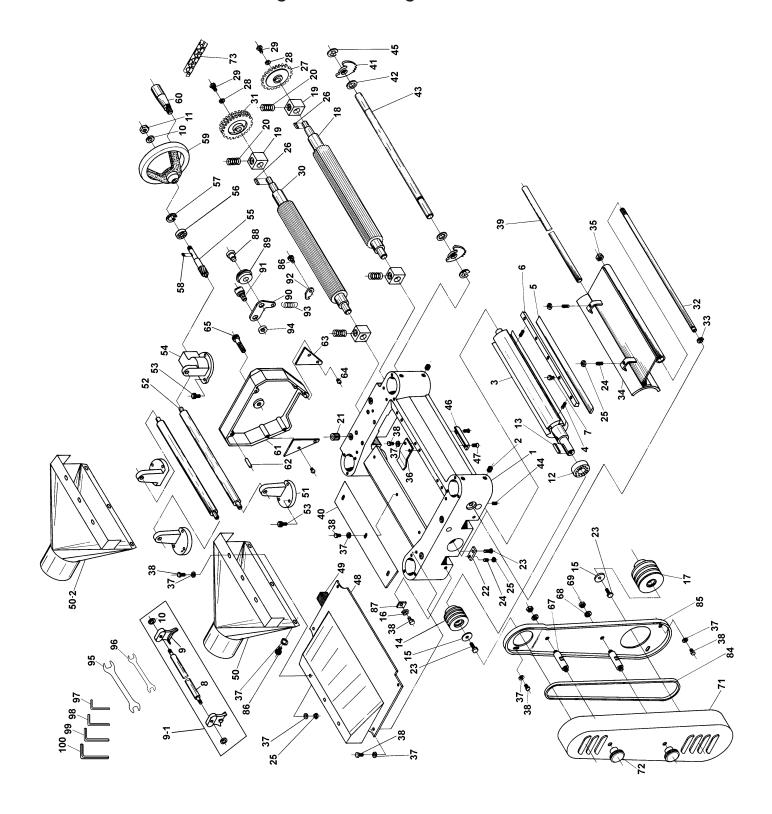
#### Service Manual / Manuel de Service

## 15" Planer Raboteuse 15"



Revised/Revisé 08/2008

Spindle Seat Diagram / Diagramme du Siège de L'Arbre

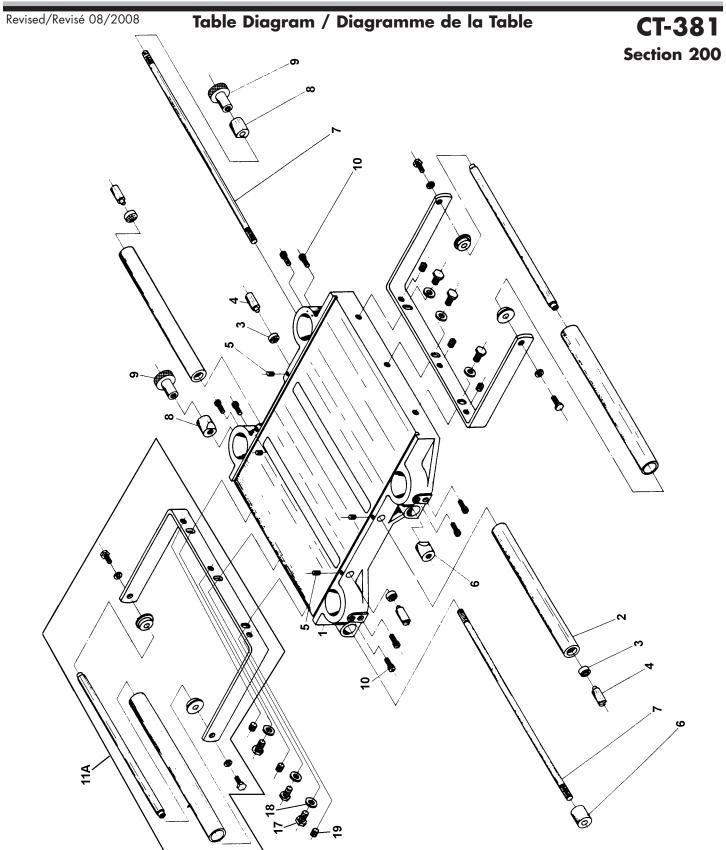


# KING INDUSTRIBL

#### Service Manuel de Service

# 15" Planer Raboteuse 15"





# KING

#### Service Manual / Manuel de Service

# 15" Planer Raboteuse 15"



Revised/Revisé 08/2008 Column Diagram / Diagramme de la Colonne

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# KING

### Service Manual / Manuel de Service

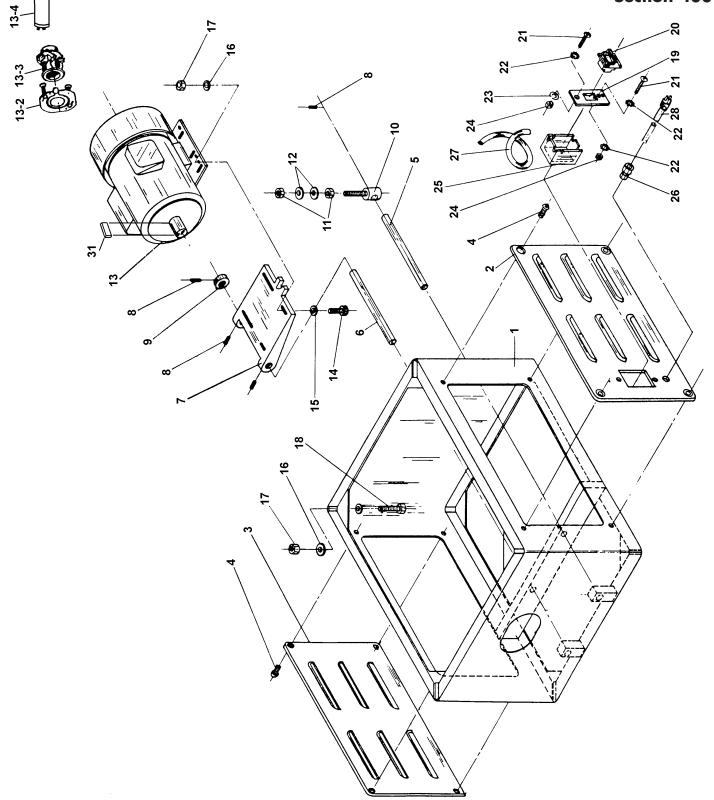
# 15" Planer Raboteuse 15"



Revised/Revisé 08/2008

Base Diagram / Diagramme de la Base





### Service Manual / Manuel de Service



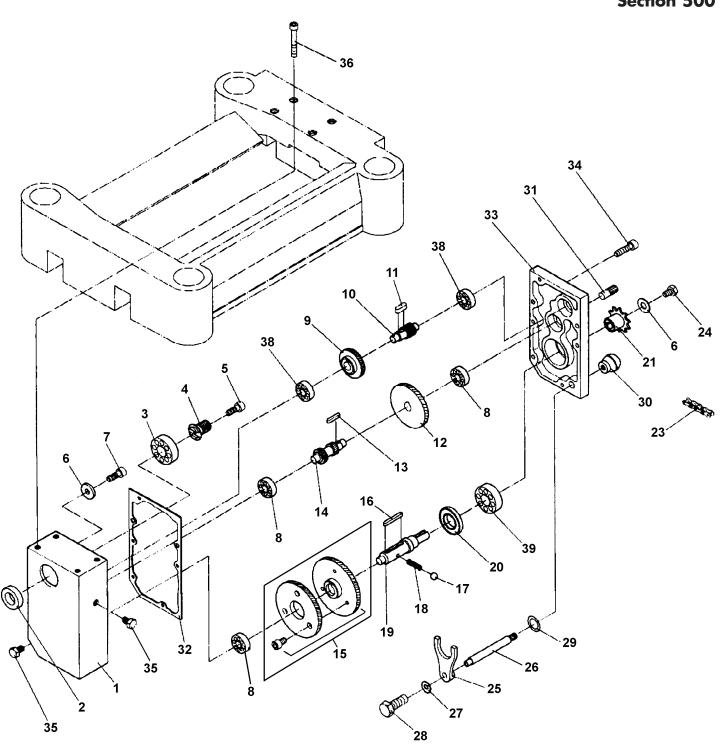
# 15" Planer Raboteuse 15"



Revised/Revisé 08/2008

Gear Box Diagram /
Diagramme du Boîtier D'Engrenage

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# KING INDUSTRIBL

### Service Manual / Manuel de Service

# 15" Planer Raboteuse 15"

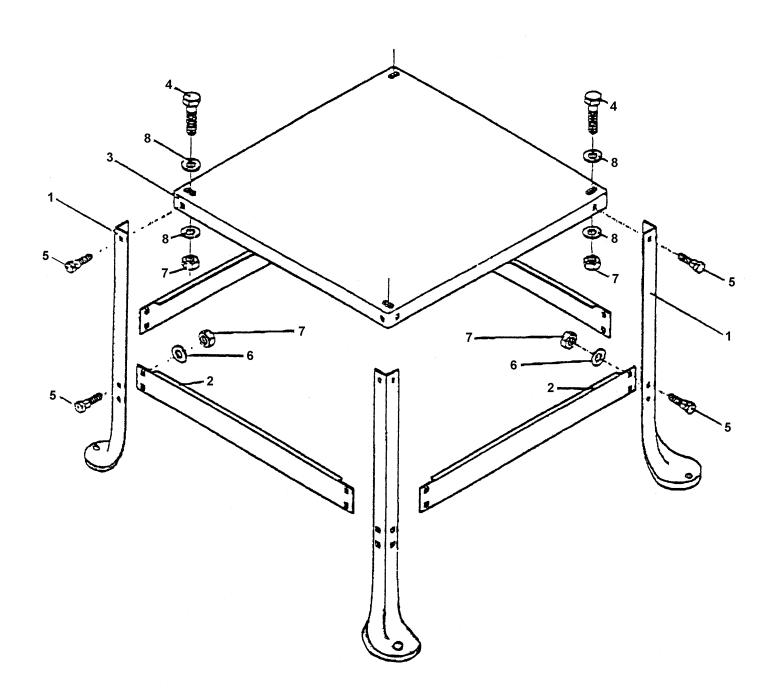


Revised/Revisé 08/2008

Stand Diagram / Diagramme du Support

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Diag.	Order # Com.	English Description	Description Française	Qty./Qté.	Price/Prix
1	0803810010	HEAD CASTING (SPECIAL ORDER)	TETE EN FONTE (COM. SPECIAL)	1	\$458.85
2	0803810020	SET SCREW	VIS SANS TETE	8	\$2.01
3	0803810030	CUTTERHEAD (3 KNIVES)	TETE DE COUPE (3 COUTEAUX)	1	\$270.25
4	0803810040	KNIFE SPRING	RESSORT DES COUTEAUX	6	\$2.70
5	KKC-15	H.S.S. KNIVES	COUTEAUX EN ACIER	3	-
6	0803810060	KNIFE LOCKING BAR	BARRE DE VERR. DES COUTEAUX	3	\$17.08
7	0803810070	KNIFE LOCKING SCREW	BOULON DE VERR. DES COUTEAUX	15	\$2.70
8	0803810080	CLUB FOR KNIFE GAUGE	TIGE DE GAUGE A COUTEAUX	1	\$11.10
9	0803810090	KNIFE GAUGE	GAUGE A COUTEAUX	2	\$10.18
9-1	0803810091	KNIFE GAUGE ASS'Y	GAUGE A COUTEAUX ASSEMBLE	1	\$34.44
10	0803810100	RETAINING RING ("E")	ANNEAU DE RETENUE "E"	3	\$1.55
11	0803810110	SPECIAL NUT	ECROU HEXAGONAL SPECIAL	1	\$2.59
12	0803810120	BALL BEARING	ROULEMENT A BILLES	1	\$19.49
13	0803810130	KEY	CLE DE RETENUE	1	\$2.59
14	0803810140	CUTTERHEAD PULLEY	POULIE DE LA TETE DE COUPE	1	\$22.94
15	0803810150	SPECIAL WASHER	RONDELLE SPECIALE	2	\$3.16
16	0803810160	SPRING WASHER	RONDELLE A RESSORT	7	\$1.55
17	0803810170	MOTOR PULLEY (3 BELTS)	POULIE DU MOTEUR (3 COURROIES)	1	\$34.33
18	0803810180	INFEED ROLLER	ROULEAU D'ALIMENTATION	1	\$148.35
19	0803810190	ROLLER BUSHING	SUPPORT DE ROULEAU	4	\$12.59
20	0803810200	ROLLER SPRING	RESSORT DES ROULEAUX	4	\$4.54
21	0803810210	SET SCREW	VIS SANS TETE	4	\$4.54
22	0803810220	PLATE	PLAQUE DE SOUTIEN	4	\$3.62
23	0803810230	HEX. HD BOLT	BOULON HEXAGONAL	6	\$2.07
24	0803810240	SET SCREW	VIS SANS TETE	6	\$1.67
25	0803810250	HEX. NUT	ECROU HEXAGONAL	9	\$1.67
26	0803810260	KEY	CLE DE RETENUE	2	\$2.01
27	0803810270	CHAIN SPROCKET	ENGRENAGE A PIGNON	1	\$38.93
28	0803810280	WASHER	RONDELLE	2	\$1.90
29	0803810290	HEX. HD SCREW	BOULON HEXAGONAL	2	\$1.67
30	0803810300	OUTFEED ROLLER	ROULEAU DE SORTIE	1	\$125.35
31	0803810310	DOUBLE SPROCKET	ENGRENAGE DOUBLE	1	\$67.56
32	0803810320	LONG LOCKING BOLT	TIGE DE VERROUILLAGE	1	\$14.66
33	0803810330	RETAINING RING/SHAFT	ANNEAU DE RETENU/TIGE	1	\$1.55
34	0803810340	CHIP BREAKER	DEFLECTEUR DE COPEAUX	1	\$61.93
35	0803810350	HEX. NUT	ECROU HEXAGONAL	1	\$1.78
36	0803810360	PLATE SPRING	PLAQUE A RESSORT	3	\$4.43
37	0803810370	WASHER	RONDELLE	25	\$1.55
38	0803810380	HEX. HD BOLT	BOULON HEXAGONAL	24	\$1.67
39	0803810390	CHIP BREAKER SHAFT	TIGE DU DEFLECTEUR	1	\$15.58
40	0803810400	CHIP DEFLECTOR PLATE	PLAQUE DU DEFLECTEUR/COPEAUX	1	\$21.56
41	0803810410	ANTI-KICK BACK FINGER	DOIGT ANTI-RETOUR	60	\$4.54
42	0803810420	FINGER SPACER	ESPACEUR DES DOIGTS	64	\$2.70
43	0803810430	ANTI-KICK BACK FINGER SHAFT	TIGE DES DOIGTS ANTI-RETOUR	1	\$19.15
44	0803810440	SET SCREW	VIS SANS TETE	1	\$2.13
45	0803810450	RETAINING RING "E"	ANNEAU DE RETENU "E"	2	\$2.01
46	0803810460	CUT LIMIT PLATE	PLAQUE DE LIMITE DE COUPE	1	\$4.31



Diag.	Order # Com.	English Description	Description Française	Qty./Qté.	Price/Prix
47	0803810470	COUNTERSUNK SCREW	VIS FRAISER	2	\$1.67
48	0803810480	CUTTERHEAD COVER	COUVERCLE DE LA TETE DE COUPE	1	\$52.61
49	0803810490	FOAM SEAL	JOINT D'ETANCHEITE	1	\$4.54
50	0803810500	DUST HOOD	COLLECTEUR DE POUSSIERES	1	\$109.08
50-2	0803810502	PLASTIC DUST HOOD COLLECTOR	COLLECTEUR DE COPEAUX EN PLAS.	1	\$34.44
51	0803810510	ROLLER BRACKET	SUPPORT DE ROULEAU	3	\$18.34
52	0803810520	ROLLER	ROULEAU	2	\$26.85
53	0803810530	CAP SCREW	BOULON A TETE CYLINDRIQUE	12	\$2.47
54	0803810540	WORM GEAR HOUSING	BOITIER D'ENGRENAGE	1	\$68.83
55	0803810550	WORM GEAR SHAFT	TIGE A ENGRENAGE	1	\$36.28
56	0803810560	BALL BEARING	ROULEMENT A BILLES	1	\$10.29
57	0803810570	RETAINING RING/BORE	ANNEAU DE RETENU/ALESAGE	1	\$2.24
58	0803810580	KEY	CLE DE RETENUE	1	\$1.78
59	0803810590	HANDWHEEL	MANIVELLE D'OPERATION	1	\$45.94
60	0803810600	HANDLE	POIGNEE DE MANIVELLE	1	\$12.25
61	0803810610	GEAR BOX COVER	COUVERCLE BOITIER ENGRENAGES	1	\$57.33
62	0803810620	SPRING PIN	GOUPILLE A RESSORT	2	\$1.78
63	0803810630	SAFETY HATCH	PLAQUE DE SECURITE	2	\$6.21
64	0803810640	SAFETY HD BOLT	BOULON DE SECURITE	4	\$2.01
65	0803810650	CAP SCREW	BOULON A TETE CYLINDRIQUE	1	\$2.47
67	0803810670	SPACER BOLT	BOULON ESPACEUR	2	\$4.54
68	0803810680	WASHER	RONDELLE	2	\$1.55
69	0803810690	HEX. NUT	ECROU HEXAGONAL	2	\$1.55
71	0803810710	PULLEY COVER	COUVERCLE DE LA POULIE	1	\$65.38
72	0803810720	KNOB	BOUTON	2	\$4.54
73	0803810730	CHAIN	CHAINE	1	\$25.13
84	0803810840	V-BELT	COURROIE EN "V"	3	\$13.74
85	0803810850	INNER BELT GUARD	PROTECTEUR DE POULIE INT.	1	\$44.79
86	0803810860	CAP SCREW	BOULON A TETE CYLINDRIQUE	4	\$1.67
87	0803810870	PLATE W/HOLE	PLAQUE TROUER	4	\$2.24
88	0803810880	TENSION WHEEL SHAFT	TIGE / ROUE DE TENSION	1	\$5.69
89	0803810890	TENSION WHEEL	ROUE DE TENSION	1	\$6.15
90	0803810900	WHEEL BRACKET	SUPPORT DE LA ROUE	1	\$5.35
91	0803810910	THREADED SHAFT	TIGE VISSEE	1	\$6.15
92	0803810920	HANGER	ANCRAGE	1	\$4.20
93	0803810930	SPRING	RESSORT	1	\$2.70
94	0803810940	SPACER COLLAR	COLLET ESPACEUR	1	\$2.70
95	0803810950	OPEN END WRENCH 12-14MM	CLE OUVERTE 12-14MM	1	\$4.54
96	0803810960	OPEN END WRENCH 8-10MM	CLE OUVERTE 8-10MM	1	\$4.43
97	0803810970	HEX. KEY (3MM)	CLE HEXAGONAL (3MM)	1	\$2.59
98	0803810980	HEX. KEY (4MM)	CLE HEXAGONAL (4MM)	1	\$2.70
99	0803810990	HEX. KEY (5MM)	CLE HEXAGONAL (5MM)	1	\$2.82
100	0803811000	HEX. KEY (6MM)	CLE HEXAGONAL (6MM)	1	\$2.93



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#### **SECTION 200**

Diag.	Order # Com.	English Description	Description Française	Qty./Qté.	Price/Prix
1	0803812010	WORKING TABLE (SPECIAL ORDER)	TABLE DE RABOTAGE (COMM. SPEC.)	1	\$431.25
2	0803812020	TABLE ROLLER	ROULEAU DE TABLE	2	\$27.20
3	0803812030	BALL BEARING	ROULEMENT A BILLES	4	\$13.74
4	0803812040	ECCENTRIC SHAFT	TIGE EXCENTRIQUE	4	\$10.98
5	0803812050	SET SCREW	VIS SANS TETE	4	\$1.61
6	0803812060	THREADED LOCK BUSHING	BAGUE DE VERROUILLAGE FILETEE	2	\$5.69
7	0803812070	LOCKING BOLT	TIGE VISSEE DE VERROUILLAGE	2	\$16.85
8	0803812080	LOCK BUSHING	BAGUE DE VERROUILLAGE	2	\$5.35
9	0803812090	LOCKING KNOB (SHORT)	BOUTON DE VERROUILLAGE (COURT)	2	\$9.60
10	0803812100	CAP SCREW	BOULON TETE CYLINDRIQUE	8	\$2.47
11A	0803812110	ROLLER FRAME ASS'Y	SUPPORT ET ROULEMENT ASS.	2	\$79.06
17	0803812170	HEX. HD BOLT	BOULON HEXAGONAL	6	\$2.07
18	0803812180	WASHER	RONDELLE	6	\$1.67
19	0803812190	SET SCREW	VIS ALLEN	6	\$2.13

#### **SECTION 300**

Diag.	Order # Com.	English Description	Description Française	Qty./Qté.	Price/Prix
1	0803813010	BASE	SOCLE	1	\$412.85
2	0803813020	SET SCREW	VIS SANS TETE	4	\$2.01
3	0803813030	COLUMN	COLONNE	3	\$68.83
4	0803813040	HANDWHEEL COLUMN	COLONNE DE LA MANIVELLE	1	\$78.95
5	0803813050	LEAD SCREW	TIGE D'ELEVATION	3	\$43.53
6	0803813060	HANDWHEEL LEAD SCREW	TIGE D'ELEVATION DE LA MANIVELLE	1	\$49.16
7	0803813070	ELEVATING NUT	ECROU POUR ELEVATION	4	\$9.03
8	0803813080	BUSHING	BAGUE	1	\$5.69
9	0803813090	RETAINING RING/BORE	ANNEAU DE RETENU/ALESAGE	1	\$2.70
10	0803813100	KEY	CLE DE RETENUE	1	\$1.78
11	0803813110	WORM GEAR	ENGRENAGE SANS FIN	1	\$22.60
12	0803813120	RETAINING RING/SHAFT	ANNEAU DE RETENU/TIGE	1	\$1.50
13	0803813130	BALL BEARING	ROULEMENT A BILLES	4	\$11.44
14	0803813140	RETAINING RING/BORE	ANNEAU DE RETENU/ALESAGE	4	\$2.47
16	0803813160	CHAIN SPROCKET	ENGRENAGE A PIGNON	4	\$16.85
17	0803813170	WASHER	RONDELLE	4	\$1.67
18	0803813180	SPECIAL HEX. NUT	ECROU HEXAGONAL SPECIAL	4	\$2.59
19	0803813190	WASHER	RONDELLE	2	\$1.67
20	0803813200	HEX. HD SCREW	BOULON HEXAGONAL	2	\$1.84
21	0803813210	SPROCKET BRACKET	SUPPORT DE L'ENGRENAGE	1	\$6.84
22	0803813220	SPROCKET SHAFT	TIGE DE L'ENGRENAGE A PIGNON	1	\$11.33
23	0803813230	CHAIN SPROCKET	ENGRENAGE A PIGNON	1	\$15.93
24	0803813240	RETAINING RING/SHAFT	ANNEAU DE RETENU/TIGE	1	\$1.55
25	0803813250	CHAIN	CHAINE	1	\$44.56
26	0803813260	LIFTING BAR	BARRE DE SOULEVEMENT	4	\$11.21
27	0803813270	"E" RETAINING RING	ANNEAU DE RETENU "E"	4	\$1.55
28	0803813280	ELEVATING SCALE	ECHELLE D'ELEVATION	1	\$4.54
29	0803813290	PAN HD. SCREW	VIS A TETE BOMBEE	1	\$1.44
30	0803813300	LIMIT CUT INDICATOR	INDICATEUR DE COUPE	1	\$3.39
31	0803813310	RIVET	RIVET	2	\$1.55



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#### **SECTION 400**

Diag.	Order # Com.	English Description	Description Française	Qty./Qté.	Price/Prix
1	0803814010	CABINET STAND (SPECIAL ORDER)	SUPPORT CABINET (COMM. SPECIAL)	1	\$293.25
2	0803814020	CABINET FRONT PANEL	PANNEAU AVANT DU CABINET	1	\$38.93
3	0803814030	CABINET BACK PANEL	PANNEAU ARRIERE DU CABINET	1	\$45.94
4	0803814040	SINKING HD SCREW	VIS FRAISER	8	\$1.78
5	0803814050	FRONT MOTOR BAR	TIGE AVANT DU MOTEUR	1	\$10.29
6	0803814060	BACK MOTOR BAR	TIGE ARRIERE DU SUPPORT	1	\$10.98
7	0803814070	MOTOR MOUNT PLATE	PLAQUE DU MOTEUR	1	\$28.46
8	0803814080	SET SCREW	VIS SANS TETE	4	\$1.67
9	0803814090	COLLAR BUSHING	BAGUE ESPACEUR	1	\$3.97
10	0803814100	ADJUST. BOLT	BOULON D'AJUSTEMENT	1	\$9.14
11	0803814110	HEX. NUT	ECROU HEXAGONAL	2	\$1.73
12	0803814120	WASHER	RONDELLE	2	\$1.67
13	0803814130	MOTOR (3 HP)	MOTEUR (3CV)	1	\$539.35
13-2	0803814132	STARTER POINT	POINTE DU DEMARRAGE	1	\$19.49
13-3	0803814133	STARTER SWITCH	COMMUTATEUR DE DEMARRAGE	1	\$28.69
13-4	0803814134	STARTING CAPACITOR	CONDENSATEUR DE DEMARRAGE	1	\$28.69
14	0803814140	HEX. HD BOLT	BOULON HEXAGONAL	4	\$2.19
15	0803814150	SPECIAL WASHER	RONDELLE SPECIALE	12	\$1.90
16	0803814160	WASHER	RONDELLE	4	\$1.61
17	0803814170	HEX. NUT	ECROU HEXAGONAL	8	\$1.61
18	0803814180	HEX. HD BOLT	BOULON HEXAGONAL	4	\$2.19
19	0803814190	SWITCH PLATE	PLAQUE DE L'INTERRUPTEUR	1	\$4.54
20	0803814200	MAGNETIC SWITCH 220V-17.5AMP	INTERR. MAGNETIQUE 220V-17.5AMP	1	\$251.68
21	0803814210	FLANGE HD BOLT	BOULON A BRIDE	3	\$1.67
22	0803814220	TOOTH WASHER	RONDELLE DENTELEE	4	\$1.67
23	0803814230	WASHER	RONDELLE	2	\$1.50
24	0803814240	HEX. NUT	ECROU HEXAGONAL	4	\$1.55
25	0803814250	SWITCH BOX	BOITE DE L'INTERRUPTEUR	1	\$5.00
26	0803814260	RELIEF BUSHING	BAGUE DE RETENU	1	\$2.70
27	0803814270	MOTOR CORD	CORDON DU MOTEUR	1	\$12.59
28	0803814280	POWER CORD	CORDON D'ALIMENTATION	1	\$22.94
31	0803814310	KEY	CLE DE RETENUE	1	\$2.13

#### **SECTION 500**

Diag.	Order # Com.	English Description	Description Française	Qty./Qté.	Price/Prix
1	0803815010	GEAR BOX	BOITIER D'ENGRENAGE	1	\$96.43
2	0803815020	OIL SEAL	JOINT D'ETANCHEITE	1	\$20.64
3	0803815030	BALL BEARING	ROULEMENT A BILLES	1	\$17.19
4	0803815040	HELICAL GEAR	ENGRENAGE HELICOIDAL	1	\$21.56
5	0803815050	CAP SCREW	BOULON A TETE CYLINDRIQUE	1	\$2.70
6	0803815060	SPECIAL WASHER	RONDELLE SPECIALE	2	\$2.13
7	0803815070	CAP SCREW	BOULON A TETE CYLINDRIQUE	1	\$2.47
8	0803815080	BALL BEARING	ROULEMENT A BILLES	3	\$11.10
9	0803815090	GEAR	ENGRENAGE	1	\$33.75
10	0803815100	SINGLE GEARED SHAFT	TIGE A ENGRENAGE SIMPLE	1	\$20.30



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#### **SECTION 500 CONT.**

Diag.	Order # Com.	English Description	Description Française	Qty./Qté.	Price/Prix
11	0803815110	KEY	CLE DE RETENUE	1	\$1.84
12	0803815120	GEAR	ENGRENAGE	1	\$34.33
13	0803815130	KEY	CLE DE RETENUE	1	\$1.78
14	0803815140	DOUBLE GEARED SHAFT	TIGE A ENGRENAGE DOUBLE	1	\$27.43
15	0803815150	DOUBLE GEAR ASS'Y	ENGRENAGE DOUBLE ASSEMBLEE	1	\$68.43
16	0803815160	KEY	CLE DE RETENUE	1	\$1.84
17	0803815170	STEEL BALL	BILLE EN ACIER	1	\$1.38
18	0803815180	SPRING	RESSORT	1	\$2.01
19	0803815190	SHAFT FOR GEAR	TIGE POUR ENGRENAGE	1	\$46.92
20	0803815200	OIL SEAL	JOINT D'ETANCHEITE	1	\$6.44
21	0803815210	CHAIN SPROCKET	ENGRENAGE A PIGNON	1	\$11.39
23	0803815230	CHAIN	CHAINE	1	\$16.30
24	0803815240	HEX. HD BOLT	BOULON HEXAGONAL	1	\$1.55
25	0803815250	CLUTCH FORK	FOURCHETTE D'EMBRAYAGE	1	\$11.14
26	0803815260	CLUTCH SHAFT	TIGE D'EMBRAYAGE	1	\$12.88
27	0803815270	WASHER	RONDELLE	1	\$1.55
28	0803815280	HEX. HD BOLT	BOULON HEXAGONAL	1	\$1.67
29	0803815290	O-RING	ANNEAU D'ETANCHEITE	1	\$2.01
30	0803815300	SPEED SHAFT KNOB	BOUTON DE LA TIGE DES VITESSES	1	\$3.39
31	0803815310	ROLL PIN	GOUPILLE A ROULEAU	2	\$2.24
32	0803815320	GASKET	JOINT DU BOITIER	1	\$10.06
33	0803815330	GEAR BOX COVER	COUV. DU BOITIER D'ENGRENAGE	1	\$67.68
34	0803815340	CAP SCREW	BOULON A TETE CYLINDRIQUE	5	\$2.70
35	0803815350	OIL PLUG	BOUCHON POUR L'HUILE	2	\$3.39
36	0803815360	CAP SCREW	BOULON A TETE CYLINDRIQUE	4	\$3.05
38	0803815380	BALL BEARING	ROULEMENT A BILLES	2	\$11.10
39	0803815390	BALL BEARING	ROULEMENT A BILLES	1	\$22.94

#### **SECTION 600**

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Order # Com.	English Description	Description Française	Qty./Qté.	Price/Prix			
0803816010	LEG	JAMBAGE	4	\$28.69			
0803816020	SIDE PLATE	PLAQUE DE RENFORT	4	\$17.19			
0803816030	MOUNTING PLATE	PLAQUE DE MONTAGE	1	\$67.68			
0803816040	HEX. SCREW	BOULON HEXAGONAL	4	\$1.90			
0803816050	CARRIAGE BOLT	BOULON A CARROSSERIE	24	\$2.01			
0803816060	FLAT WASHER	RONDELLE PLATE	24	\$1.61			
0803816070	HEX. NUT	ECROU HEXAGONAL	28	\$1.55			
0803816080	FLAT WASHER	RONDELLE PLATE	8	\$1.73			
080381MENG	ENGLISH MANUAL CT-381	MANUEL ANGLAIS CT-381	1	\$15.00			
080381MFRE	FRENCH MANUAL CT-381	MANUEL FRANCAIS CT-381	1	\$15.00			
	0803816010 0803816020 0803816030 0803816040 0803816050 0803816060 0803816070 0803816080 080381MENG	0803816010 LEG 0803816020 SIDE PLATE 0803816030 MOUNTING PLATE 0803816040 HEX. SCREW 0803816050 CARRIAGE BOLT 0803816060 FLAT WASHER 0803816070 HEX. NUT 0803816080 FLAT WASHER	0803816010         LEG         JAMBAGE           0803816020         SIDE PLATE         PLAQUE DE RENFORT           0803816030         MOUNTING PLATE         PLAQUE DE MONTAGE           0803816040         HEX. SCREW         BOULON HEXAGONAL           0803816050         CARRIAGE BOLT         BOULON A CARROSSERIE           0803816060         FLAT WASHER         RONDELLE PLATE           0803816070         HEX. NUT         ECROU HEXAGONAL           0803816080         FLAT WASHER         RONDELLE PLATE           080381MENG         ENGLISH MANUAL CT-381         MANUEL ANGLAIS CT-381	0803816010         LEG         JAMBAGE         4           0803816020         SIDE PLATE         PLAQUE DE RENFORT         4           0803816030         MOUNTING PLATE         PLAQUE DE MONTAGE         1           0803816040         HEX. SCREW         BOULON HEXAGONAL         4           0803816050         CARRIAGE BOLT         BOULON A CARROSSERIE         24           0803816060         FLAT WASHER         RONDELLE PLATE         24           0803816070         HEX. NUT         ECROU HEXAGONAL         28           0803816080         FLAT WASHER         RONDELLE PLATE         8           080381MENG         ENGLISH MANUAL CT-381         MANUEL ANGLAIS CT-381         1			